



Test Monitoring Center

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HTCBT Information Letter 19-1
Sequence No. 12

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ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: HTCBT Mailing List

SUBJECT: Standardization of Test Result Calculation Precision and Reporting

Standardization of Test Result Calculation Precision and Reporting

During the May 23, 2019, teleconference held by the High Temperature Corrosion Bench Test Surveillance Panel, the panel approved a motion to standardize the calculation and reporting of the copper, lead, and tin concentration results for the test: all measured and calculated copper, lead, and tin concentration results shall be reported in whole number units only (i.e. no decimal places permitted). In addition, the use of the “less than” symbol is no longer permitted in any reported value. These changes are effective for all tests completed on or after July 1, 2019.

Chairman
HTCBT Surveillance Panel

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/bench/htcvt/procedure_and_ils/htcvt119-1.pdf

Distribution: Email

10.4 Immediately after calibration of the ICP-AES instrument (as specified in Test Method D5185), use Test Method D5185 to determine the concentration of copper, lead, and tin in both the new and used oil, with the exception that all concentration values are to be recorded in whole number units. **No decimal results shall be recorded.**

10.4.1 Any measured concentration results that round to zero shall be reported as zero.

10.5.1 Round all concentration change results to the nearest whole number and record this value as the test result.

12.3 The “less than” symbol shall not be used when the reporting any concentration result.

12.3.1 Decimal values for the metals concentration results are shown in the data dictionary for reporting of results completed prior to July 1, 2019. All results after this date shall be reported in whole numbers only.